

Handheld3013

PARTICLE COUNTER



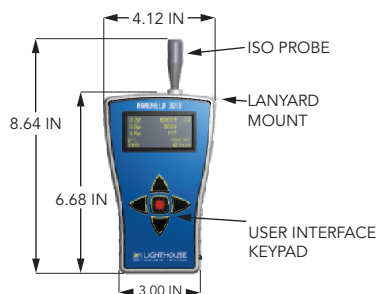
Using an ergonomic and lightweight design, the Handheld 3013 is Lighthouse's newest hand held particle counter and is ideal for use where a smaller lightweight hand held counter is needed.

Offering 3 channels of simultaneous particle counting, the Handheld 3013 displays both cumulative and differential particle count data on its easy to read 2.7 inch (6.8 cm), 128 x 64 OLED screen. It's rechargeable battery allows up to eight hours of continual operation. Easily download data via USB port using the Lighthouse Express Software, LMS Exchange.

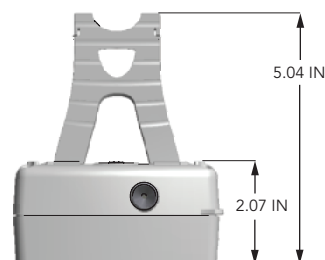
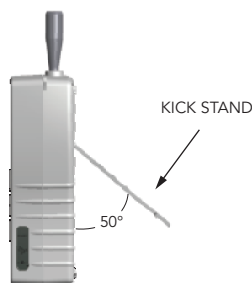
The Handheld 3013 will monitor particulate levels accurately and reliably, even in those hard-to-reach areas where two-handed operation is unsafe.

FEATURES

- 0.3 - 10.0 µm sensitivity
- 0.1 CFM (2.83 LPM)
- Standard 3 channels of simultaneous count data
- 21 CFR Part 11 compliant secure USB flash transfer
- Extreme life laser diode technology >20-year MTTF
- 2.7 inch (6.8 cm), OLED screen
- USB output port
- Molded ABS enclosure
- Internal lithium ion battery
- Battery life up to 8 hours continuous use
- 1.5 lbs (0.68 kg)



I/O CONNECTIONS:
- POWER
- USB
- RESET



TECHNICAL DATASHEET

Handheld 3013 Particle Counter

Models	3013
Size Range	0.3 - 10.0 μm
Standard 3 Channels	0.3, 0.5, 5.0 μm
Optional Channels	0.3, 0.5, 0.7, 1.0, 2.5, 5.0, 10.0 μm
Counting Efficiency	50% @ 0.3 μm ; 100% for particles > 0.45 μm (per JIS B 9921, ISO 21501-4)

Features

Flow Rate	0.1 CFM (2.83 LPM)
Laser Source	Laser Diode
Zero Count Level	< 1 count / 5 minutes (per JIS B 9921)
Concentration Limits	4,000,000 particles/ft ³ @ 5% coincidence loss
Calibration	NIST traceable, ISO 21501-4 compliant
Count Modes	Automatic, beep, and concentration
Communication	USB output port
Supporting Software	LMS Express, LMS XChange
Display	2.7 inch (6.8 cm), OLED screen.
Sample Inlet	Isokinetic sampling probe
Vacuum Source	Internal twin diaphragm pump.
Enclosure	Molded ABS
Power	Internal lithium ion battery.
Battery Life	Up to 8 hours of continual use.
Recharge Time	Less than 2 hours to fully charge.
Dimensions	4.2" (w) x 6.5" (h) x 1.9" (d), [10.5 x 16.5 x 4.8 cm]
Weight	1.5 lbs (0.68 kg)
Languages	English (U.S.), Deutsch, Espanol, Italiano, Francois.

Included

Operating manual on CD, LMS XChange data transfer software, USB interface cable, AC adapter, purge filter, and carry case

Optional

Printed operating manual, LMS Express software

Distributed By:



Lighthouse Worldwide Solutions reserves the right to change specifications without notice.

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